

ABSTRACT

SOLID ELECTROLYTE AND BATTERY USING THE SAME

5           A solid electrolyte having an electrolyte solution  
and a crosslinked polymer that is being chemically  
crosslinked, wherein the electrolyte includes therein a  
gel phase, in which the crosslinked polymer is swelled  
with the electrolyte solution, and a separated phase of  
10 electrolyte solution phase. A nonaqueous secondary  
battery using the above described solid electrolyte.